

IAF7 Rec'd PCT/PTO 31 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 60326US(49991)
INTERNATIONAL APPLICATION NO. PCT/US05/07152		INTERNATIONAL FILING DATE 4 March 2005
TITLE OF INVENTION FRIT FOR HIGH PRESSURE LIQUID CHROMATOGRAPHY		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/591377
APPLICANT(S) FOR DO/EO/US Pamela C. Iraneta et al.		PRIORITY DATE CLAIMED 5 March 2004

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ Change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

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U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>10/591377</b>		INTERNATIONAL APPLICATION NO. PCT/US05/07152		ATTORNEY'S DOCKET NUMBER 60326US(49991)	
20. <input checked="" type="checkbox"/> Other items or information: International Search Report (3 pages); Written Opinion (3 pages); Formal Drawings (Figures 1-11B); (10 sheets); Return Receipt Postcard					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500				\$ 100.00	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 600.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
62 - 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =		x		
Independent claims	10 - 3 =	7	x 200.00	1,400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 2,130.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$ 2,130.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 2,130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 2,130.00</b>	
				Amount to be refunded:	\$
				Amount to be charged	\$

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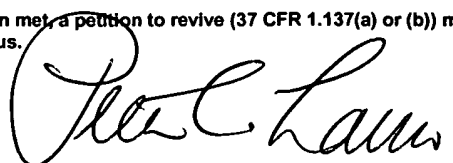
- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 04-1105 in the amount of \$ 2,130.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information  
should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Peter C. Lauro, Esq.  
EDWARDS ANGELL PALMER & DODGE LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(617) 439-4444

CUSTOMER NUMBER: 48990



SIGNATURE

Peter C. Lauro, Esq.  
NAME

32,360  
REGISTRATION NUMBER

10/591377

IAP6 Rec'd PCT/PTO 31 AUG 2006

Application No. (if known):

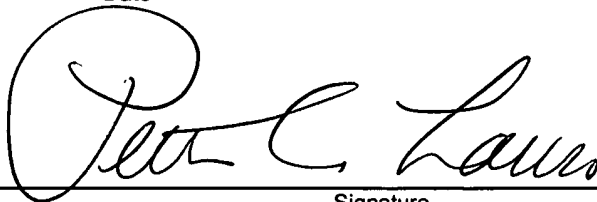
Attorney Docket No.: 60326US(49991)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 755073253 US in an envelope addressed to:

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on August 31, 2006  
Date



Signature

Peter C. Lauro

Typed or printed name of person signing Certificate

32,360

Registration Number, if applicable

(617) 439-4444

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (3 pages)  
Change of Correspondence Address (1 page)  
Information Disclosure Statement (2 pages)

List of Citations (1 page)  
Preliminary Amendment (10 pages)  
Formal Drawings (Figures 1-11B; 10 pages)  
Copy of International Search Report (3 pages)  
Copy of Written Opinion (3 pages)  
Transmittal Letter to the United States Designated-Elected Office (3 pages)

Charge \$ 2,130.00 to deposit account 04-1105

Return Receipt Postcard

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Pamela C. Iraneta, *et al.*

International Application No.: PCT/US05/07152

International Filing Date: March 4, 2005

Serial No.: Not Yet Assigned

Filed: August 31, 2006

For: FRIT FOR HIGH PRESSURE LIQUID  
CHROMATOGRAPHY

Attorney Docket No: 60326US(49991)

Group Art Unit:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
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.....  
CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number EV 755073253 Date of Deposit August 31, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Peter C. Lauro, Esq.

Please Print Name of Person Signing

  
Signature

.....  
**NOTIFICATION OF CHANGE OF CORRESPONDENCE ADDRESS**

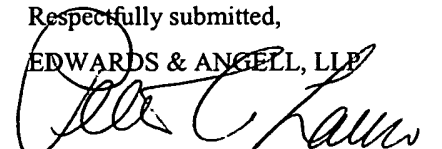
Dear Sir:

Applicants hereby notify the Patent Office that the correspondence address for the above-referenced patent application has changed. Please send all future correspondence to **Peter C. Lauro, Esq., Registration No. 32,360** to the following address:

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Respectfully submitted,

**EDWARDS & ANGELL, LLP**

  
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